

PRIORITY**SECRET**

OUT64584

Declassification Review by NGA

P 132038Z MAR 68
FM NPIC WASHDC
TO DIA WASHDC
BT

1968 MAR 13 20 54Z

S E C R E T CITE NPIC 3070

REF S-0134-XX-2, 23 FEB 68

SUBJ: EVALUATION OF MISSION BU Q00637 FLOWN 4 JAN 68

1. THIS MISSION EMPLOYED CAMERA NUMBER 47 FLOWN IN VEHICLE
NUMBER H-25. PROCESSING WAS ACCOMPLISHED BY THE

2. ORIGINAL NEGATIVE:

A. EXPOSURE/RESOLUTION: THE EXPOSURE WAS GENERALLY ADEQUATE; HOWEVER, IT IS FELT THAT THE QUALITY OF THE IMAGERY COULD HAVE BEEN IMPROVED BY SLIGHTLY MORE EXPOSURE. THE RESOLUTION WAS GOOD.

B. CAMERA OPERATION: TRANSVERSE BANDING CAUSED BY UNEVEN SHUTTER MOVEMENT WAS NOTED AT THAT END OF EACH FORMAT AT WHICH THE SHUTTER BEGINS ITS SCAN. THE DATA RECORDING SYSTEM FUNCTIONED PROPERLY THROUGHOUT THE MISSION.

PAGE 2 RUEPJU 47 S E C R E T

C. OTHER DEGRADATIONS: ROLLER CHATTER (PRESSURE ROLLER STATIC) IS PRESENT ALONG THE DATA BLOCK EDGE OF THE FORMAT THROUGHOUT THE MISSION. A GROUP OF THREE FINE PLUS DENSITY LINES APPEAR THROUGHOUT THE MISSION AT A DISTANCE OF 4.3 INCHES FROM THE DATA BLOCK EDGE OF THE FILM. MINUS DENSITY LINES LOCATED 2.5 INCHES, 7.4 INCHES, 7.5 INCHES, AND 7.6 INCHES FROM AND PARALLEL TO THE DATA BLOCK EDGE OF THE FILM ARE PRESENT THROUGHOUT THE ENTIRE MISSION. A NARROW PLUS DENSITY STREAK VARYING IN LENGTH FROM TWO INCHES TO 0.1 INCH APPEARS INTERMITTENTLY FROM FRAME 416 TO THE END OF THE MISSION. THESE STREAKS ARE USUALLY CONTAINED IN THE NON-DATA EDGE HALF OF THE FORMATS. A SERIES OF MINUS DENSITY DOTS SPACED 2.5 INCHES APART AND LOCATED 3.7 INCHES FROM THE DATA BLOCK EDGE OF THE FILM EXISTS THROUGHOUT THE MISSION. WAVERING PLUS DENSITY STREAKS APPEAR ALONG THE DATA BLOCK EDGE OF THE FORMATS INTERMITTENTLY THROUGHOUT THE MISSION. ADDITIONAL WAVERING PLUS DENSITY STREAKS APPEAR INTERMITTENTLY ALONG THE NON-DATA EDGE OF THE FORMAT IN FRAMES 001 THRU 261 AND 1122 THRU 1253. THESE STREAKS ARE OF VARIOUS LENGTHS AND CONFIGURATIONS. AN EMULSION SCRATCH IS PRESENT IN FRAME 908.

PAGE 3 RUEPJU 4 S E C R E T

D. THE LAST TITLED FRAME OF THE MISSION IS 1253.

3. DUPLICATE POSITIVE:

A. FRAME 183 CONTAINS A 0.5 INCH DIAMETER EMULSION LIFT CAUSED BY WATER/CHEMICAL. THIS LIFT APPEARS TO HAVE BEEN THE CAUSE OF A TEAR IN THE FILM BEGINNING AT THE EMULSION LIFT AND CONTINUING THROUGH FRAME 188. THE TEAR WAS REPAIRED WITH SCOTCH TAPE. SIMILAR EMULSION LIFTS OF SMALLER DIAMETER CAN BE FOUND IN FRAMES 183, 186, 226, 231, AND 232. PIECES OF THE LIFTED EMULSION WERE DISCOVERED ADHERING TO FRAMES 183, 186, 227 AND 228. PRINTING AND PROCESSING APPEAR SATISFACTORY.

B. FI SUITABILITY IS GOOD.

C. CLOUDS OBSCURE OR DEGRADE APPROXIMATELY FIVE PERCENT OF THE ENTIRE MISSION.

GP-1

S E C R E T

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END OF MESSAGE

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